



03-31-04

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Practitioner's Docket No.: 791_230

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Hiroshi KURACHI and Sang Jae LEE

Ser. No.: 10/702,130

Art Unit: 1753

Filed: November 5, 2003

Examiner: Not Assigned

Confirmation No.: 6835

For: GAS SENSOR

"EXPRESS MAIL" mailing label number EL994436088 US.

I hereby certify that this paper or fee is being deposited on **March 30, 2004** with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Elizabeth A. VanAntwerp

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. A copy of Reference AE listed on Form PTO-1449 is attached. In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed on Form PTO-1449.

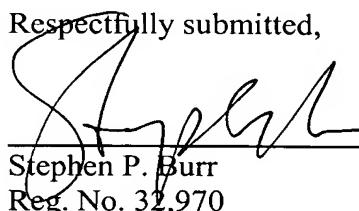
Also enclosed is a copy of a European Search Report bearing a mailing date of March 16, 2004 from a corresponding European patent application, and the U.S. PTO is directed thereto for a concise statement of possible relevance of the references cited therein.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of

this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

Respectfully submitted,



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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

				Complete if Known				
				Application Number	10/702,130			
				Filing Date	November 5, 2003			
				First Named Inventor	Hiroshi KURACHI			
				Art Unit	1753			
				Examiner Name	Not Assigned			
				Confirmation No.	6835			
Sheet	1	of	1	Attorney Docket No.	791_230			

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AB*	4,282,080	08-04-1981	Müller et al.				
	AC*	4,559,126	12-17-1985	Mase et al.				
	AD*	4,909,922	03-20-1990	Kato et al.				

U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AE	0 108 179 A1	05-16-1984	EP				

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages etc.)

Examiner:	Date Considered:
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*In accordance with the Notice dated July 11, 2003 on the PTO website, we are not enclosing copies of any of the U.S. references listed above.